

CLAIMS

What is claimed is:

1 1. An apparatus that moves a jumping element,
2 comprising:
3 a housing;
4 a motor attached to said housing;
5 a hub coupled to said motor and adapted to be coupled
6 to the jumping element;
7 a timer coupled to said motor; and,
8 an indicator coupled to said timer.

1 2. The apparatus of claim 1, wherein said indicator
2 includes a light emitting diode.

1 3. The apparatus of claim 1, wherein said indicator
2 includes a speaker.

1 4. The apparatus of claim 1, wherein said timer
2 activates said motor for a selected time interval and said
3 indicator indicates said selected time interval.

1 5. The apparatus of claim 1, wherein said indicator
2 generates an indication of when said motor is to be
3 activated.

1 6. The apparatus of claim 1, further comprising a
2 crank arm that is coupled to said hub and the jumping
3 element.

1 7. The apparatus of claim 6, wherein said hub
2 includes a spring that exerts a force onto said crank arm.

1 8. The apparatus of claim 1, wherein said timer has
2 a mechanical input.

1 9. The apparatus of claim 1, wherein said hub
2 rotates the jumping element about a horizontal axis.

1 10. The apparatus of claim 1, wherein said hub
2 rotates the jumping element about a vertical axis.

1 11. An apparatus that moves a jumping element,
2 comprising:
3 a housing;
4 a motor attached to said housing;
5 a hub coupled to said motor and adapted to be coupled
6 to the jumping element;
7 a timer that is coupled to said motor; and,
8 indicator means for indicating a time characteristic
9 of said timer.

1 12. The apparatus of claim 11, wherein said
2 indicator means includes a light emitting diode.

1 13. The apparatus of claim 11, wherein said
2 indicator means includes a speaker.

1 14. The apparatus of claim 11, wherein said timer
2 activates said motor for a selected time interval and said
3 indicator characteristic is said time interval.

1 15. The apparatus of claim 11, wherein said
2 indicator means generates an indication of when said motor
3 is to be activated.

1 16. The apparatus of claim 11, further comprising a
2 crank arm that is coupled to said hub and the jumping
3 element.

1 17. The apparatus of claim 16, wherein said hub
2 includes a spring that exerts a force onto said crank arm.

1 18. The apparatus of claim 11, wherein said timer
2 has a mechanical input.

1 19. The apparatus of claim 11, wherein said hub
2 rotates the jumping element about a horizontal axis.

1 20. The apparatus of claim 11, wherein said hub
2 rotates the jumping element about a vertical axis.

1 21. A method for operating an apparatus that moves a
2 jumping element, comprising:

3 activating an apparatus that includes a motor coupled
4 to a jumping element;

5 indicating a count down until the motor is activated;

6 and,

7 activating the motor to move the jumping element.

1 22. The method of claim 21, wherein the motor is
2 deactivated at an end of a selected time interval.

1 23. The method of claim 21, wherein the indication
2 is an auditory signal.

1 24. The method of claim 21, wherein the jumping
2 element is rotated about a horizontal axis.

1 25. The method of claim 21, wherein the jumping
2 element is rotated about a vertical axis.

1 26. The method of claim 21, further comprising
2 detaching the jumping element from a hub coupled to the
3 motor.

1 27. A method for operating an apparatus that moves a
2 jumping element, comprising:

3 selecting a time interval of a timer that is coupled
4 to a motor, the motor being coupled to the jumping
5 element;

6 indicating the time interval selected;

7 activating the motor to move the jumping element;
8 and,

9 deactivating the motor at an end of the time
10 interval.

1 28. The method of claim 27, wherein the indication
2 is an illuminated device.

1 29. The method of claim 27, wherein the jumping
2 element is rotated about a horizontal axis.

1 30. The method of claim 27, wherein the jumping
2 element is rotated about a vertical axis.

1 31. The method of claim 27, further comprising
2 detaching the jumping element from a hub coupled to the
3 motor.